

Kawasaki™

3 INCH AIR CUT-OFF TOOL

INSTRUCTION MANUAL



**FOR CUSTOMER SERVICE
POUR LE SERVICE APRÈS VENTE
OU DU CONSOMMATEUR
PARA EL SERVICIO
PARA EL CONSUMIDOR
1-800-590-3723**

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691553 – 3 in. Air Cut-Off Tool_Rev 7/20/12

THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING SAFETY, OPERATION, MAINTENANCE AND STORAGE OF THIS PRODUCT. BEFORE USE, READ CAREFULLY AND UNDERSTAND ALL CAUTIONS, WARNINGS, INSTRUCTIONS AND PRODUCT LABELS. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE.

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TABLE OF CONTENTS

CONGRATULATIONS!	1
INTENDED USE	1
SECTION ONE	
GENERAL SAFETY RULES	1-2
RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS	2
IMPORTANT SAFEGUARDS	3
SERVICE	3
SECTION TWO	
SPECIFIC SAFETY RULES AND/OR SYMBOLS	3
IMPORTANT SAFETY RULES FOR AIR TOOLS	4
SECTION THREE	
FUNCTIONAL DESCRIPTION	4
ASSEMBLY	5
OPERATION	5
CUT-OFF WHEEL INSTALLATION	5-6
SECTION FOUR	
MAINTENANCE	6
ACCESSORIES	7
SPECIFICATIONS	7
PARTS DIAGRAM	8
PARTS LIST	9-10

CONGRATULATIONS!

Thanks for choosing this product. At Alltrade, our aim is to provide you with quality products at an affordable price, and we want you to be totally satisfied with your product.

INTENDED USE

This tool is intended for consumer use only.

GENERAL SAFETY

WARNING

READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed may result in serious personal injury.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS

The safety instructions provided in this manual are not intended to cover all possible conditions and practices that may occur when operating, maintaining and cleaning tools.

Always use common sense and pay particular attention to all the **DANGER**, **WARNING**, **CAUTION** and **NOTE** statements of this manual.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

NOTE provides additional information that is useful for proper use and maintenance of this tool. If a NOTE is indicated make sure it is fully understood.

IMPORTANT SAFEGUARDS

⚠ DANGER

WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products, and arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

SERVICE

⚠ CAUTION

Tool service must be performed only by qualified repair personnel. Service or maintenance by unqualified personnel could result in a risk of injury.

When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

SPECIFIC SAFETY RULES AND/OR SYMBOLS

⚠ CAUTION

Maximum operating pressure is 90 PSI. Never use higher air pressure to increase the output of the Air Tool. Overloading will drastically shorten the life of all internal parts.

Disconnect Tool from power air supply before servicing or changing accessories.

IMPORTANT SAFETY RULES FOR AIR TOOLS

⚠ CAUTION

BEFORE OPERATING YOUR AIR TOOL, READ THE FOLLOWING INFORMATION:

Always inspect, maintain and operate in accordance with ANSI safety code for portable air tools (ANSI B186.1) and other local safety codes and regulations.

Do not operate this tool over 90 PSI air pressure at the tool.

Always wear safety goggles when operating this tool.

Always disconnect this tool from the air supply before installing, adjusting or removing any accessory in this tool, or before performing maintenance.

Always use a dust mask in dusty conditions.

User and bystanders must wear suitable hearing protection when this tool is in use.

Do not carry any air tool by the hose. Keep air hose away from heat and sharp objects.

Continuous use of vibrating air tools by susceptible users may cause damage to hands.

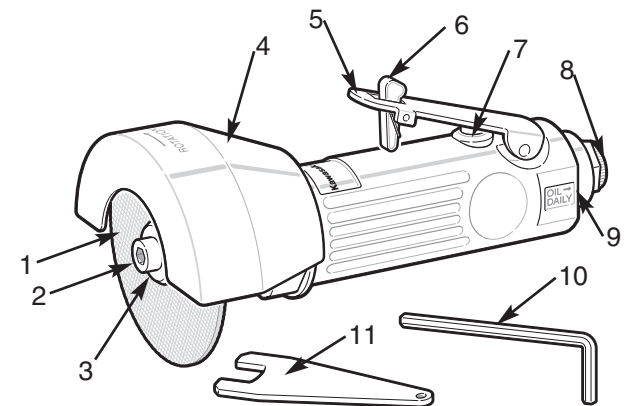
Always wear gloves and protective clothing to help prevent injury from flying particles.

Always lubricate and maintain tool in safe operating conditions.

FUNCTIONAL DESCRIPTION

CONTROLS AND COMPONENTS:

1. Cutting Wheel
2. Hex Head Screw
3. Washer
4. Wheel Guard
5. Throttle Control Lever
6. Throttle Safety Release
7. Throttle (ON/OFF)
8. 1/4 In. Air Inlet
9. Air Exhaust
10. Hex Wrench
11. Spanner



ASSEMBLY

⚠ WARNING

Always disconnect this tool from the air supply before installing, adjusting or removing any accessory in this tool, or before performing maintenance. Failure to do so could result in injury.

Check the speed rating on all accessories. Accessories must never be run at a higher speed than they were designed to handle.

Connect the Cut-Off Tool to air source (90 PSI max pressure) by connecting air hose to air inlet in the rear of the tool. Tug on the hose gently to make sure it is secured to the tool.

OPERATION

1. To start depress the throttle safety release and throttle control lever.

NOTE

The spindle revolves at full speed when throttle control lever is fully depressed. As thumb is raised the self releasing throttle closes, slowing down the Cut-off Wheel. When the throttle lever is completely released it cannot be depressed again until the safety release is disengaged.

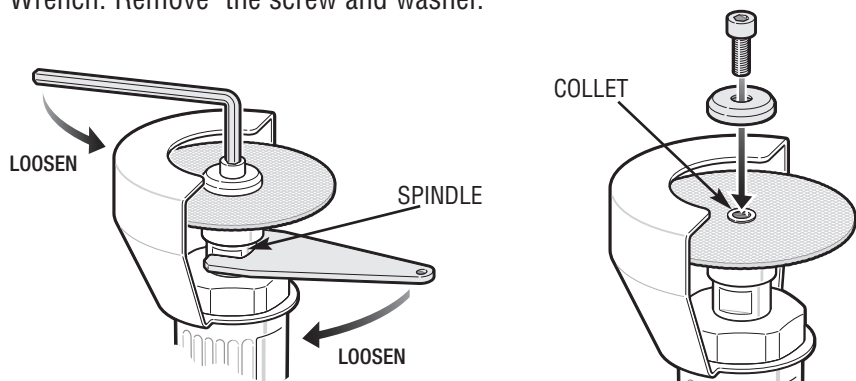
2. To stop, release throttle control lever.
3. When job is complete, turn the air compressor off.

CUT-OFF WHEEL INSTALLATION

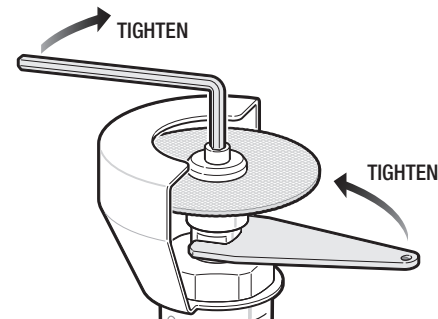
⚠ CAUTION

Disconnect the cut-off tool from the air supply before lubricating or changing cutting wheels.

1. Holding the Spindle with Spanner, loosen the hex head screw by using the Hex Wrench. Remove the screw and washer.



2. Remove the Cut-off Wheel.
3. Inspect and clean Spindle before mounting the new Cut-off Wheel.
4. Place the Cut-off Wheel on the collet with its metal hub facing the collet.
5. Replace the washer (with its larger side facing the wheel) and hex head screw inside the Collet. Hold the Spindle with spanner and tighten the screw securely with the Hex Wrench.



MAINTENANCE

AIR SUPPLY

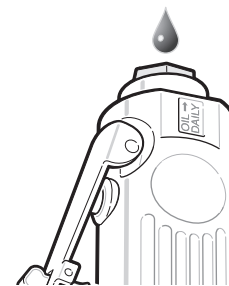
Always use clean dry air as excessive moisture will lower the available torque and rust the interior moving parts. Make sure all hoses and fittings are of the recommended size and be sure the units are not used with less than or more than the recommended pressure at the tool! (90 PSI)

LUBRICATION

Proper lubrication of this air tool is critical to the operation and life of the unit. Units can be severely damaged or have excessive wear placed on working parts if not lubricated. We recommend the use of Marvel Mystery Oil which is available at most auto parts locations. The tool should be lubricated each time it is used. During daily prolonged use, lube heavily 3 or 4 times during the day. **Always add oil through Air inlet.**

TO LUBRICATE THE AIR TOOL:

1. Disconnect the Tool at its air inlet from the air source.
2. Hold the Tool such that the air inlet faces up.
3. To circulate the oil inside the Tool, depress the throttle safety release and throttle control lever and place a few drops of air tool oil in the air inlet.
4. Connect the tool to an air source and cover the exhaust end with a towel and run for a few seconds.



⚠ WARNING

Any excess oil in the motor is immediately expelled from the exhaust port. Always direct exhaust port away from people or objects

ACCESSORIES

Use only accessories that are recommended by the manufacturer for your model.

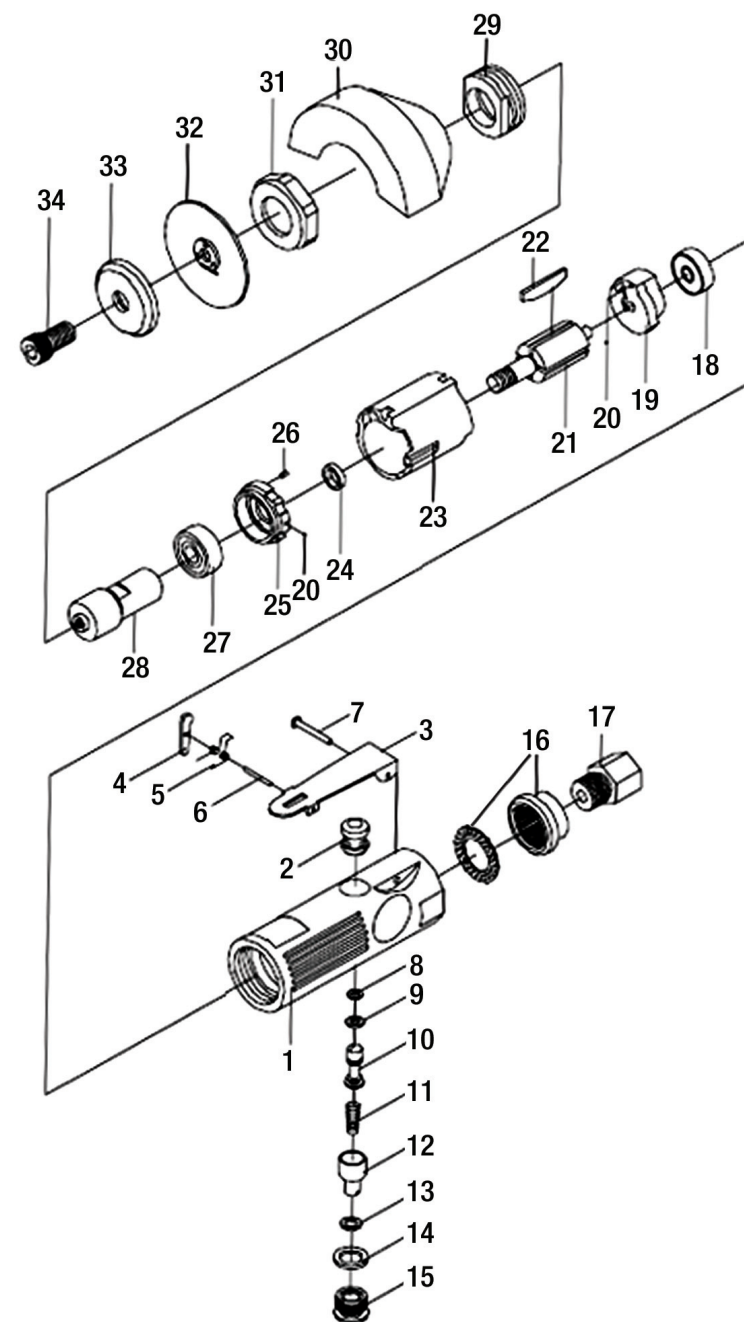
Accessories that may be suitable for one tool may become hazardous when used on another tool.

SPECIFICATIONS

SPECIFICATIONS

No Load Speed	20,000 RPM
Air Consumption	4-8 CFM
Air Inlet	1/4 in. (6.35mm) NPT
Recommended Air Pressure	90 PSI
Cut-off Wheel Size	3 in. (76 mm)
Wheel Hub Size	3/8 in. (9.52 mm)
Suggested Air Hose Size	3/8 in. (9.52 mm)

PARTS DIAGRAM



PARTS LIST

NO.	PART NO.	DESCRIPTION	QTY.
1	691553-1	Housing	1
2	691553-2	Brass Bushing	1
3	691553-3	Trigger	1
4	691553-4	Locking Device	1
5	691553-5	Relief Spring	1
6	691553-6	Pin	1
7	691553-7	Trigger Pin	1
8	691553-8	O-Ring	1
9	691553-9	O-Ring	1
10	691553-10	Pin	1
11	691553-11	Conical Spring	1
12	691553-12	Adjustment Screw (Factory)	1
13	691553-13	O-Ring	1
14	691553-14	O-Ring	1
15	691553-15	Throttle Plug	1
16	691553-16	Air Exhaust Cover	1
17	691553-17	Air Inlet	1
18	691553-18	Bearing	1
19	691553-19	End Plate	1
20	691553-20	Steel Ball	2
21	691553-21	Rotor	1
22	691553-22	Rotor Blade	4
23	691553-23	Cylinder	1
24	691553-24	Bushing	1

PARTS LIST

NO.	PART NO.	DESCRIPTION	QTY.
25	691553-25	Front Plate	1
26	691553-26	Pin	1
27	691553-27	Bearing	1
28	691553-28	Wheel Spindle	1
29	691553-29	Check Ring	1
30	691553-30	Wheel Guard	1
31	691553-31	Hex Nut	1
32	691553-32	Cut Off Wheel	1
33	691553-33	Washer	1
34	691553-34	Screw	1